



ANNUAL REPORT

of the

Medical Officer of Health

for 1960



RIVER BLYTH PORT HEALTH AUTHORITY



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RIVER BLYTH PORT HEALTH AUTHORITY

ANNUAL REPORT

of the Port Medical Officer of Health for the Year, 1960

WATERLOO HOUSE,
WATERLOO ROAD,
BLYTH.

January, 1961.

To the Chairman and Members of the River Blyth Port Health Authority.

Gentlemen,

Once again it is my privilege to place before you the Annual Report on the work of the Port Health Administration for the Port of Blyth, for the year 1960.

As in preceding years this report is presented in accordance with the instructions issued by the Minister of Health—Form Port 20, and Circular 33/52. Detailed information will be found in the Sections I to XVI.

The total number of vessels which arrived during the year was 3,659, including Fishing Vessels. This is a considerable increase on the previous year. Foreign Vessels (Foreign and Coastwise) numbered 1,103, including Fishing Vessels. This total and the number of arrivals direct from Foreign Ports is almost double that of the previous year and the increase in Foreign Trade is continuing into the year 1961.

The amount of Coal and Coke shipped from the Port during the year was 5,580,374 tons, this also includes Bunker Coal and is a considerable increase on the previous twelve months. There was also a slight increase in the amount of Imports discharged at the Port. These being as follows :—Timber 16,918 tons, Cement 48,777 tons, Roofing Tiles and Sundries 5,561 tons.

PUBLIC HEALTH (SHIPS) REGULATIONS, 1952

The above Regulations became operative from the 1st October, 1952, and deal with the Infectious Diseases, now to be known as Quarantinable Diseases, sanitary control of ships and persons, Deratting Certificates, etc. Certificates issued will be found in the appropriate Tables.

INSPECTION OF VESSELS

The work of dealing with nuisances and defects (structural and otherwise) will be found in the appropriate tables included in the report.

I again record with pleasure the kind assistance received from time to time from the Blyth Harbour Commission, River Pilots, H.M. Customs Officers, Immigration Officer, also the Ministry of Transport Surveyors for their help and co-operation with the staff of the Port Health Authority.

R. J. P. R. CAMPBELL, M.B., ChB.,
Medical Officer of Health.

RIVER BLYTH PORT HEALTH AUTHORITY

MEMBERS OF AUTHORITY AT 4TH JUNE, 1960

Chairman : ALDERMAN F. RAFFERTY

Vice-Chairman : COUNCILLOR A. H. PAYNE

ALDERMAN G. COLPITTS

ALDERMAN MRS. M. E. THOMPSON

ALDERMAN A. WALTON, J.P.

COUNCILLOR E. BREADIN

COUNCILLOR W. COX

COUNCILLOR J. HAIG

COUNCILLOR J. HUDSPITH

COUNCILLOR MRS. M. PURVES

COUNCILLOR E. PURVIS

COUNCILLOR A. RUTHERFORD

SECTION I—STAFF

Table A

Name of Officer	Nature of Appointment	Date of Appointment	Qualifications	Any other Appointments held
MR. W. T. HARRISON	Clerk to the Authority	1st September, 1944 Retired 11th Sept., 1960		Deputy Town Clerk, Borough of Blyth.
MISS L. OWEN ...	Deputy Clerk to the Authority Acting Clerk	1st October, 1947 From 11th Sept., 1960	A.C.I.S.	Town Clerk's Staff, Borough of Blyth.
DR. R. J. P. R. CAMPBELL	Medical Officer of Health	1st October, 1949	M.B., Ch.B.	General Practice.
DR. R. CRAIG ...	Deputy Medical Officer of Health	1st April, 1957	M.B., Ch.B.	General Practice.
MR. NORMAN F. GODFREY	Public Health Inspector	1st February, 1957	Public Health Inspectors Certificate R.S.I. Meat and Food Cert. R.S.I.	None.
MR. ROBERT H. CRAMP	Rodent Officer	11th January, 1952		None.
MISS K. IRELAND ...	Office Clerk	7th December, 1959		None.

Dr. R. J. P. R. Campbell's address :—Waterloo House, Waterloo Road, Blyth, Northumberland.
Telephone No. : BLYTH 3226.

SECTION II

Amount of Shipping entering the District during the year

Table B

Ships from	Number	Tonnage	Number Inspected		Number of Ships reported as having or having had during the Voyage Infectious Diseases on board
			By the M.O.H.	By the Public Health Inspector	
Foreign Ports ...	206	169,905	22	206	—
Coastwise Ports ...	2,963	2,250,832	24	2,963	—
TOTALS ...	3,169	2,420,737	46	3,169	—

FISHING VESSELS—				No.	Tonnage
Foreign	...	...	...	485	29,025
Coastwise	...	...	...	5	357

Crews

Foreign	Coastwise	Fishing	Total
6,777	39,703	5,855	52,235

SECTION III

Character of Shipping and Trade during the year 1960

Table C

Passenger Traffic ...	{	Number of Passengers INWARDS ...	...	...	...	...	90
		Number of Passengers OUTWARDS	...	...	...	...	170
		Passengers on Temporary Shore Leave	...	...	...	...	21

There is no regular passenger traffic at this Port (See table for Aliens).

Cargo Traffic ...	{	Principal Imports ...	...	{	Mining Timber ...	10,260	tons
					Other Timber ...	6,658	„
	{	Principal Exports ...	...	{	Cement ...	48,777	„
					Roofing Tiles ...	1,993	„
	{	Principal Exports ...	...	{	Sundry ...	3,568	„
					Coal & Coke (Cargo) ...	5,580,374	„
					(including Bunkers)		
	{	Principal Exports ...	...	{	Fuel Oil (Bunkers)	3,649	„
					Sundry ...	791	„

Fish landed was valued at £13,239

Principal Ports from which Ships arrive :—

FOREIGN PORTS—

BELGIUM	...	Antwerp, Brussels, Dunkirk, Ghent, Granville, Ostend, Zeebrugge.
DENMARK	...	Aalborg, Aarhus, Arendahl, Copenhagen, Karlskrona, Kolding, Marstal, Nore-Sundby, Odense, Svenborg, Thure.
FAEROES	...	Klaksvik, Sorvag.
FINLAND	...	Lovisa, Mantyluoto, Mariehamn, Helsingfors, Helsinki, Turku.
FRANCE	...	Bayonne, Calais, Rouen.
GERMANY	...	Arnis, Bremen, Bremerhaven, Emden, Flensburg, Gluckstadt, Hamburg, Haren-Ems, Itzehoe, Keil, Leer, Oberbuchen, Stade, Vetersen.
ICELAND	...	Reykjavik.
HOLLAND	...	Amsterdam, Appingdam, Brake, Breskens, Delfzijl, Dordrecht, Flushing, Groningen, Harlingen, Kampen, Katwijk, Rotterdam, Schveningen, Terneuzen, Zaandam, Zaanward.
LIBERIA	...	Monrovia.
NORWAY	...	Bergen, Stavanger.
PANAMA	...	Panama.
POLAND...	...	Gdynia, Stettin, Swinouisce, Wladyslawawa.
SWEDEN	...	Christinehamn, Gefle, Halmstad, Karlsham, Karlstad, Lidkoping, Namsos, Stockholm, Thorshaven, Trelleborg, Visby.

SECTION IV

Inland Barge Traffic

There is no barge traffic at the Port.

SECTION V

Water Supply

1.—(a) The Port is supplied by the Newcastle and Gateshead Water Company on the south side and the Tynemouth Corporation on the north side of the River.

(b) Shipping.

Water mains are laid along the loading and waiting berths. A plentiful supply of water is available throughout the Harbour, with the exception of several jetties, at which ships are supplied with fresh water direct from the Water Boats.

Ships in Dry Dock for repair receive a supply of fresh water from the Blyth Dry Docks and Shipbuilding Co. Ltd.

2.—Samples were collected from points on the West Staiths, North Side, and South Side, South Harbour and Waterboat. Of the 92 samples submitted for bacteriological examination 12 were found unsatisfactory. Immediate remedial measures were put into operation and further check samples proved to be satisfactory.

3.—Hydrants and hosepipes are frequently examined, and the Harbour Commissioners' employees take precautions against contamination by regular inspection and the careful storage in cabins provided for the purpose.

4.—One Water Boat is in regular service ; this is the property of the Harbour Commissioners and is frequently examined, especially when in Dry Dock for overhaul. It is of iron construction, and is maintained in a hygienic condition.

On 2nd August, the Polish Fishing Vessel SZN 8. Dziecol arrived in Port with a report that the fresh water was fouled. Investigation showed that during heavy weather, fish waste had been syphoned into the tanks through the vent pipes. Samples were taken from all tanks to determine the extent of the contamination, after which, the tanks were thoroughly cleaned out and sterilised. Further samples submitted for examination proved free from any contamination.

After a series of bad samples from a specific hydrant on the South Side the matter was taken up with the Harbour Commission and the Water Authority which resulted in improvements being made to the supply point, since when, further samples have been satisfactory.

On 26th October, the M.V. "Corburn" arrived in port with a report that the fresh water had been confirmed as unsatisfactory from samples taken at Swansea. The tanks were cleaned out and samples submitted for examination still showed slight contamination. The tanks were then emptied, examined for leaks and recement washed. Samples still showed some contamination. The company were then advised to strip down the whole fresh water system including pipes and pumps, then to superchlorinate the water. Reports of samples taken since then have been satisfactory.

SECTION VI

Public Health (Ships) Regulations, 1952

The above Regulations came into force 1st October, 1952, and supersede the Port Health Regulations, 1933 and 1945, which are now revoked.

1.—LIST OF INFECTED AREAS. This is compiled from the List of Seaports and Airports, Part I, issued by the World Health Organisation each week, as the weekly Record of Quarantinable Diseases. Special forms are compiled, P.S. 10, from the information available, and issued from the Port Health Office each week to the H.M. Customs and Excise and to the River Pilots.

2.—(a) RADIO MESSAGES. Radio messages to ships can be sent through Cullercoats Radio Station, Northumberland.

(b) Notification to the Health Authority is now sent direct to the registered telegraphic address : " PORTHEALTH, Blyth," if any seamen or passengers on any vessel should require medical attention. Wireless messages are received at the Cullercoats Station which is situated about seven miles from Blyth. Flamborough is the nearest land signal station. On occasions Shipping Agents receive wireless messages and if they concern the Authority are transmitted to the appropriate officer.

3.—Messages are on occasions received through River Pilots or H.M. Customs who will pass any information to the Port Health Authority.

4.—MOORING STATIONS. Should any ship on arrival be suspected or infected, such ship would be berthed at its normal place of mooring. If after medical examination further quarantine is necessary it will be sent to a mooring station. The Harbour Master has consented to make an emergency mooring station at any part of the River, should the circumstances demand such action. There is no mooring station or berth outside the River.

5.—(a) Hospital accommodation for infectious diseases is at Moor Park Infectious Diseases Hospital, North Shields.

(b) Surveillance and follow up of contacts are carried out according to Public Health (Ships) Regulations, 1952. All contacts are supervised and the Medical Officer at the next Port informed. Contacts allowed to leave are supplied with prepaid post cards for the purpose of notifying change of address with 14 days of disembarkation. Their names are forwarded to district Medical Officers of Health.

(c) The cleansing and disinfection of ships is carried out at their respective berths, or when they are in Dry Dock. In cases of Infectious Disease, disinfection of crews' quarters, &c., is usually done with approved disinfectants and where disinfestation is necessary with approved insecticides.

Facilities for cleansing and disinfection of clothing and other articles exist at Moor Park Infectious Diseases Hospital, and the Hospital has arranged to carry out any such work for the Authority.

SECTION VII

Smallpox

1.—The Northern Regional Hospitals Board have made arrangements for the admission of Smallpox cases to the Langley Park Isolation Hospital, Co. Durham (Telephone No. : Chester-le-Street 3207). The Doctor in Charge of this hospital will be Dr. Gavin Miller, of Sacriston, Co. Durham. His Telephone No. is Sacriston 232.

2.—The Northumberland County Council are responsible for the ambulance service. Dr. A. Donaldson, the Medical Officer for the Blyth and Bedlington Local Authorities, is responsible for the vaccinal state of the ambulance crews.

3.—NAME OF SMALLPOX CONSULTANT AVAILABLE :—

DR. WILSON MINNS,
16, Rectory Drive,
Gosforth, 3,
Newcastle upon Tyne.
Telephone No. : Gosforth 5-4282.

4.—FACILITIES FOR LABORATORY DIAGNOSIS OF SMALLPOX. Laboratory facilities are provided at the General Hospital, Westgate Road, Newcastle upon Tyne, 4.

SECTION VIII

Venereal Disease

Information is given freely to seamen of all ranks during the normal inspection of ships. Facilities are offered at three clinics in the North of England.

Notices with the time and date for treatment at the local clinic are left in the crews' quarters when officials of the Port Health Authority are on board during their times of inspection.

The following are the times for treatment at these clinics :—

Preston Hospital, North Shields, Borough of Tynemouth.—Males, Tuesdays and Fridays, 5 to 7 p.m. ; Females, Wednesdays, 5 to 7 p.m. ; Fridays, 2 to 4 p.m.

General Hospital, Westgate Road, Newcastle upon Tyne.—Males, daily 9.30 a.m. to 12 noon, and 2 to 7 p.m. ; Females, daily 9.30 to 12 noon, and 3 to 7 p.m.

SECTION IX

Cases of notifiable and other Infectious Diseases on ships.

Table D

Category	Disease	Number of Cases during the year		Number of ships concerned
		Passengers	Crew	
Cases landed from ships from Foreign Ports...	Nil	Nil	Nil	Nil
Cases which have occurred on ships from foreign ports, but have been disposed of before arrival	Nil	Nil	Nil	Nil
Cases landed from other ships	Nil	Nil	Nil	Nil

No other infectious diseases occurred in the Port.

SECTION X

Observations on the occurrence of Malaria in ships

No cases of Malaria were notified as occurring on vessels visiting the port during the year.

SECTION XI

Measures taken against Ships infected with or suspected of Plague

Inquiries as to the prevalence of rats are made on all ships in Port (whether in possession of Deratting Certificates or Deratting Exemption Certificates or not) and a systematic inspection is carried out on all ships arriving directly or otherwise from foreign ports.

A systematic search for evidence of infestation is carried out on all vessels.

SECTION XII

Measures against Rodents in Ships from Foreign Ports

1.—On arrival at the Port vessels are examined and if there is any evidence of rats notice is at once served on the Master. The Port Health Authority have their own official Rodent Operator. Particular attention is given to vessels arriving directly or indirectly from infected areas.

2.—Rats caught were examined, and all specimens appeared healthy. None showed any abnormal lesions, and none was therefore sent to the Public Health Laboratory, Newcastle upon Tyne.

3.—When a vessel is found to be infested with rats notice is served on the Master requesting fumigation. He, through his Agent, gets in touch with an authorised firm of fumigators to carry out the work. The chief and most popular method is by Hydrogen Cyanide. The standard required for International purposes is strictly adhered to. Sulphur Dioxide is now rarely used.

When vessels are undergoing fumigation every precaution is taken, such as posting of notices on the ships, also the fencing off of the gangways to render the process as free as possible from accidents. The minimum period for exposure for this gas is two hours, generally four to six in practice, and this effects a considerable saving of time compared with the older method of Sulphur Dioxide.

Contractors who carry out fumigations HCN at this port are :—

Messrs. A. MILBURN & Co. LTD.,
Mill Dam,
South Shields.

Messrs. BARBER & HERRON,
Templetown,
Tyne Dock,
South Shields.

4.—In the Construction of modern vessels considerable progress has been made in the provision of rat-proof compartments. Bulkheads and partitions are usually steel, and with a minimum of timber, it is difficult for rodents to find harbourage. Modern Naval Architecture is coping with the problem satisfactorily.

Table E

Rodents destroyed during the year in Ships from Foreign Ports

Category					Number
Black Rats	—
Brown Rats	—
Species not known	—
Sent for examination	—
Infected with Plague	—

The total number of brown rats recovered from the Quayside after poison baits have been put down was 574.

Table F

**Deratting Certificates and Deratting Exemption Certificates issued during the year 1960
for Ships from Foreign Ports**

No. of Deratting Certificates issued					Number of Deratting Exemption Certificates issued	Total Certificates issued
After Fumigation with		After Trapping	After Poisoning	Total		
HCN 1	Other Fumigant (state method) 2					
—	—	—	—	—	22	22

**Deratting Certificates and Deratting Exemption Certificates
issued during the year 1960**

Net Tonnage	No. of Ships	No. of Deratting Certificates issued				No. of Deratting Exemption Certificates issued	Total Certificates issued
		After Fumigation with			After Trapping, Poisoning, &c.		
		HCN	Sulphur	HCN and Sulphur			
Ships up to 300 tons...	27	—	—	—	—	27	27
Ships from 301 tons to 1,000 tons ...	37	—	—	—	—	37	37
Ships from 1,001 tons to 3,000 tons ...	48	—	—	—	—	48	48
Ships from 3,001 tons to 10,000 tons ...	6	—	—	—	—	6	6
Ships over 10,000 tons	—	—	—	—	—	—	—
TOTAL ...	118	—	—	—	—	118	118

SECTION XIII

Inspection of Ships for Nuisances

Table G

Inspection and Notices

Nature and Number of Inspections		Notices Served		Result of Serving Notices
		Statutory Notices	Other Notices	
Routine Inspections	S/S 1,447	Nil	136	Defects remedied
Do.	M/V 1,722	Do.	82	Do.
Do.	F/V 490	Do.	14	Do.
TOTAL	... 3,659	Do.	232	Do.

SECTION XIV

The Order made by the Authority under the Public Health (Shellfish) Regulations, 1934 and 1948, came into operation on the 11th September, 1947

The area covered by the Order is :—

The area of the River Blyth lying between the High Water marks on either side of the River and extending from the mouth of the River to a point where the Railway Bridge of the British Railways crosses the River.

SECTION XV

Medical Inspection of Aliens

This is not an approved Port for the landing or inspection of Aliens.

The number of Aliens who arrived at the Port was 56 (See Table C, Section III).

SECTION XVI

Miscellaneous

Mortuary

Up to date mortuary facilities are provided by the Blyth Borough Council.

Where death has been due to infectious diseases, the body will be removed to this mortuary and the necessary instructions issued to those responsible for burial.

Where the relatives cannot undertake the burial arrangements the onus will rest on Blyth Borough Council or Bedlingtonshire U.D.C. in accordance with the National Assistance Act, 1948.

FOOD INSPECTION

There has been no importation of food or grain at the Port, therefore no action was necessary under the following Acts or Regulations :—

Food and Drugs Acts, 1938-1950.

Public Health (Preservatives, &c., in Food) Regulations, 1925 to 1948.

Public Health Regulations, 1924-1928.

The Salvaged Goods Order, 1948.

Food and Drugs (Whalemeat) Regulations, 1949-1950.

Public Health (Imported Food) Regulations, 1937-1948.

NATIONALITIES OF SHIPS

British...	...	...	...	...	2,552
German	...	...	...	...	290
Dutch ...	...	...	...	...	196
Swede ...	...	...	...	...	62
Finn ...	...	...	...	...	26
Faroes	...	...	...	...	13
Danish	...	...	...	...	8
Liberian	...	...	...	...	3
Norwegian	...	...	...	...	8
Belgian	...	...	...	...	2
Portugese	...	...	...	...	2
Yugo Slav	...	...	...	...	2
Polish ...	...	...	...	...	1
Panama	...	...	...	...	1
Syrian	...	...	...	...	1
French	...	...	...	...	1
Icelandic	...	...	...	...	1
					3,169

FISHING VESSELS

Polish ...	...	...	...	...	339
Dutch ...	...	...	...	...	117
German	...	...	...	...	25
British...	...	...	...	...	5
Faroes	...	...	...	...	2
Finn ...	...	...	...	...	1
Danish	...	...	...	...	1
GRAND TOTAL FOR THE YEAR					3,659

VESSELS BOARDED

The following table gives a list of vessels boarded during the year by the Medical Officer of Health or Public Health Inspector on account of disease on board during the voyage or whilst in Port.

All cases set out below received attention and treatment.

Date	Name of Vessels and Nationality	Where from	Rating	Sickness
7. 1.60	S.S. Fogdo (Swedish)	Dordrecht	Seaman	V.D.
17. 1.60	S.S. Greathope (British)	Dublin	Seaman	Accident, died in Hospital
20. 1.60	M.V. Munster (German)	Tyne Dock	Master	Accident
21. 1.60	M.V. Corbeach (British)	London	Steward	Rupture
22. 1.60	M.V. Sanguity (British)	Gravesend	Seaman	Accident to hand
29. 1.60	S.S. Hudson Firth (British)	London	Engineer	Accident to hand
3. 2.60	M.V. Rondo (British)	Middlesbrough	Seaman	Accident, died in Hospital
7. 2.60	M.V. Antiquity (British)	Colchester	Seaman	V.D.
8. 2.60	S.S. Hudson Firth (British)	London	Mate	Heart disease
10. 2.60	M.V. Pax (Dutch)	Hull	Mate	Throat inflammation
14. 2.60	S.S. Portwood (British)	London	Bosun	Sciatica
16. 2.60	S.S. Hudson Cape (British)	London	Mate	Influenza
22. 2.60	M.V. Start (Dutch)	Tegelen	Master	Influenza
29. 2.60	M.V. Antelope (Dutch)	Middlesbrough	Seaman	Gastritis
6. 3.60	S.S. Barford (British)	Ipswich	Mate	Accident to knee
24. 3.60	S.S. Rugard (German)	Rotterdam	Mate	Gastritis
24. 3.60	S.S. Rugard (German)	Rotterdam	Engineer	V.D.
7. 4.60	M.V. Timo (Dutch)	Middlesbrough	Seaman	Accident to hand
7. 4.60	S.S. Hudson Strait (British)	London	Mate	Influenza
20. 4.60	S.S. Barford (British)	Ipswich	Mate	Heart Attack
9. 5.60	S.S. Jobst Oldendorff (German)	Ghent	Seaman	V.D.
12. 5.60	M.V. Osborn Queen (British)	Southampton	Seaman	Gastric Trouble
22. 5.60	M.V. Corbrae (British)	London	Seaman	Gastric Trouble
2. 7.60	M.V. De Hoop (Dutch)	Sea	Seaman	Pneumonia
9. 7.60	M.T. W.L.A. 135 (Polish)	Sea	Seaman	Injuries to head
9. 7.60	M.T. W.L.A. 135 (Polish)	Sea	Seaman	Multiple injuries
18. 7.60	S.S. Hudson Cape (British)	London	Mate	Injured leg
1. 8.60	M.T. S.Z.N. 48 (Polish)	Sea	Seaman	Fractured ankle
2. 8.60	M.T. W.L.A. 108 (Polish)	Sea	Seaman	Injured hand
2. 8.60	M.T. W.L.A. 108 (Polish)	Sea	Seaman	Pneumonia
2. 8.60	M.T. Sowa (Polish)	Sea	Seaman	Injured head
2. 8.60	M.T. Sowa (Polish)	Sea	Seaman	Injured leg
2. 8.60	M.T. Sowa (Polish)	Sea	Seaman	Inflammation of neck
1. 9.60	M.V. Antilope (Dutch)	Grangemouth	Seaman	Injured head
2. 9.60	M.T. W.L.A. 117 (Polish)	Sea	Master	Heart Attack
3. 9.60	M.T. Sikora (Polish)	Sea	Seaman	Injured leg
10. 9.60	M.T. H.E.L. 105 (Polish)	Sea	Seaman	Fractured ankle
23. 9.60	M.T. Aseity (British)	London	Seaman	Injured eye
27. 9.60	M.T. G.D.Y. 196 (Polish)	Sea	Seaman	Injured hand

VESSELS BOARDED (continued)

Date	Name of Vessels and Nationality	Where from	Rating	Sickness
29. 9.60	M.V. Sprightly (British)	Sea	Seaman	Suspected appendicitis
3.10.60	S.S. Almut (German)	Toppila	Seaman	Gastric Ulcer
11.10.60	M.V. Ferryhill (British)	Aberdeen	Seaman	Accident to hand
14.10.60	S.S. Lord Citrine (British)	London	Mate	Mental Collapse
17.10.60	M.V. Nascence (British)	Gravesend	Seaman	Fractured skull
9.11.60	S.S. Lord Citrine (British)	London	Mate	Acute Bronchitis
12.11.60	S.S. Mangen (Swedish)	Dover	Seaman	Acute Febrile condition
23.11.60	M.V. Duivelsbeck (German)	Kotka	Mate	Dental treatment
3.12.60	M.V. Nanny (Dutch)	Hull	Seaman	Broken wrist
9.12.60	S.S. Corstream (British)	London	Cook	Lacerated scalp
24.12.60	S.S. Hudson Strait (British)	London	Engineer	Thrombosis
30.12.60	M.V. Crescence (British)	Middlesbrough	Seaman	Fractured arm

As the Herring Fishing Fleets follow the run of the fish southward through the summer and autumn, this hazardous occupation invariably brings its crop of accidents of a varying degree. Many of these have been treated locally, but the more serious cases have undergone treatment at the larger General Hospitals. After recovery most have been able to return to their own ships, but in some cases it has been necessary to arrange their transfer directly to their home countries.

Prevention of Damage by Pests Act, 1949

Prevention of Damage by Pests (Application to Shipping) Order, 1951

No Rodent Control Certificates were issued during the year.

VESSELS FOUND HAVING STRUCTURAL OR SANITARY DEFECTS

	Structural Defects		Sanitary Defects		TOTAL
	Foreign	Coastwise	Foreign	Coastwise	
British Steam	5	33	15	81	134
British Motor	5	30	14	31	80
British Sail	—	—	—	—	—
Foreign Steam	—	3	—	4	7
Foreign Motor	—	2	1	3	6
Foreign Sail	—	—	—	—	—
TOTALS	10	68	30	119	227

Two vessels were required to be fumigated for vermin during the year. This was carried out by the officers of the authority.

DEFECTS

								Work in hand	Work completed	Total
Fresh water tanks cleaned and cement washed	—					33	33
Fresh water systems repaired...	—		5	5
Sanitary tank repaired	—		1	1
Central Heating systems repaired	—		17	17
Showers repaired	—		2	2
Wash basins repaired or renewed	—		6	6
Refrigerators repaired	—		1	1
W.C's and waste discharged on quay	—		22	22
W.C's repaired or renewed	—		12	12
Scupper pipes cleaned or repaired	—		16	16
Port lights crews' accommodation repaired or renewed	—		21	21
Port lights Officers' accommodation repaired or renewed...	—		14	14
Galley stoves repaired	—		9	9
Galleys cleaned and painted	—		17	17
Crews and Officers' accommodation cleaned and painted...	—		36	36
Smoke emissions	—		15	15
TOTALS							...	—	227	227

VESSELS ARRIVING FROM INFECTED OR SUSPECTED PORTS

The following table gives the number of vessels boarded in Blyth by the Officers of the Port Health Authority, on account of them coming directly or indirectly from Foreign Ports, infected or suspected of being infected with Cholera, Plague, Yellow Fever, Smallpox, Typhus Fever, or Relapsing Fever.

1960	From Infected Ports to Blyth		From Suspected Ports to Blyth		TOTAL
	Direct	Indirect	Direct	Indirect	
January ...	—	—	—	—	—
February ...	—	—	—	—	—
March ...	—	—	—	—	—
April ...	—	—	—	—	—
May ...	—	—	—	—	—
June ...	—	—	—	—	—
July ...	—	2	—	—	2
August ...	—	—	—	—	—
September ...	—	—	—	—	—
October ...	—	—	—	—	—
November ...	—	—	—	—	—
December ...	—	—	—	—	—
TOTAL ...	—	2	—	—	2

Wm. Dresser & Sons Ltd.,
Crown Street, Darlington.
